



Indiana Department of Environmental Management  
Office of Water Quality  
Wetlands Section

Publication Date:  
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IDEM ID Number:  
2009-211-02-JPS-A

Closing Date:  
June 1, 2009

## PUBLIC NOTICE

Corps of Engineers ID Number:  
LRE-2008-00254-102

**To all interested parties:**

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

- 1. Applicant:** Mr. Richard L. Phillabaum  
Indiana Department of Transportation  
100 North Senate Avenue, Room N642  
Indianapolis, IN 46204
- 2. Agent:** Ms. Summer O'Brien  
RW Armstrong  
Union Station, 300 S. Meridian St.  
Indianapolis, IN 46225
- 3. Project location:** Section 4 & 5, Township 31 North, Range 12 East, Cedarville U.S.G.S. Quad.  
Section 31, Township 32 North, Range 13 East, Cedarville U.S.G.S. Quad.  
Sections 35 & 36, Range 32 North, Range 12 East, Cedarville U.S.G. S. Quad.  
The project is located east of I-69 on SR 1 from the I-69 ramp east to the Arapoho Passover in Allen County.
- 4. Affected waterbody:** Martin Ditch and an Unnamed Tributary (UNT) to Martin Ditch
- 5. Project Description:** The applicant proposes to develop SR 1 into a 6 lane divided roadway from the I-69 ramp to about 200 meters east of Diebold Road, then taper it down to a 4 lane divided roadway to Tonkel Road and then to a 5 lane undivided roadway to Arapoho Passover. The existing structure carrying SR 1 over Martin Ditch is to be replaced with a 146 linear feet 26' x 8' 3-sided structure that will have 66' total linear feet of riprap placed upstream and downstream of the new structure. 293 linear feet of Martin Ditch adjacent to SR 1 will be relocated resulting in 328 linear feet of newly relocated stream. The existing structure carrying SR 1 over the (UNT) to Martin Ditch is to be replaced with a 168 linear feet 9' x 6' 4-sided concrete box culvert that will have a total of 14 linear feet of riprap placed upstream and downstream of the new structure. 228 linear feet of the (UNT) to Martin Ditch is to be relocated resulting in 178 linear feet of relocated stream. A 0.08 acre wetland located at the outlet to Martin Ditch culvert is to be filled. As compensatory mitigation for the proposed stream impacts, the applicant proposes to daylight 615 linear feet of currently encapsulated ephemeral stream. As compensatory mitigation for the proposed wetland impact the applicant proposes to restore 0.16 acre of emergent wetland and preserve 2.5 acres containing a complex of wetland, upland and ephemeral stream.

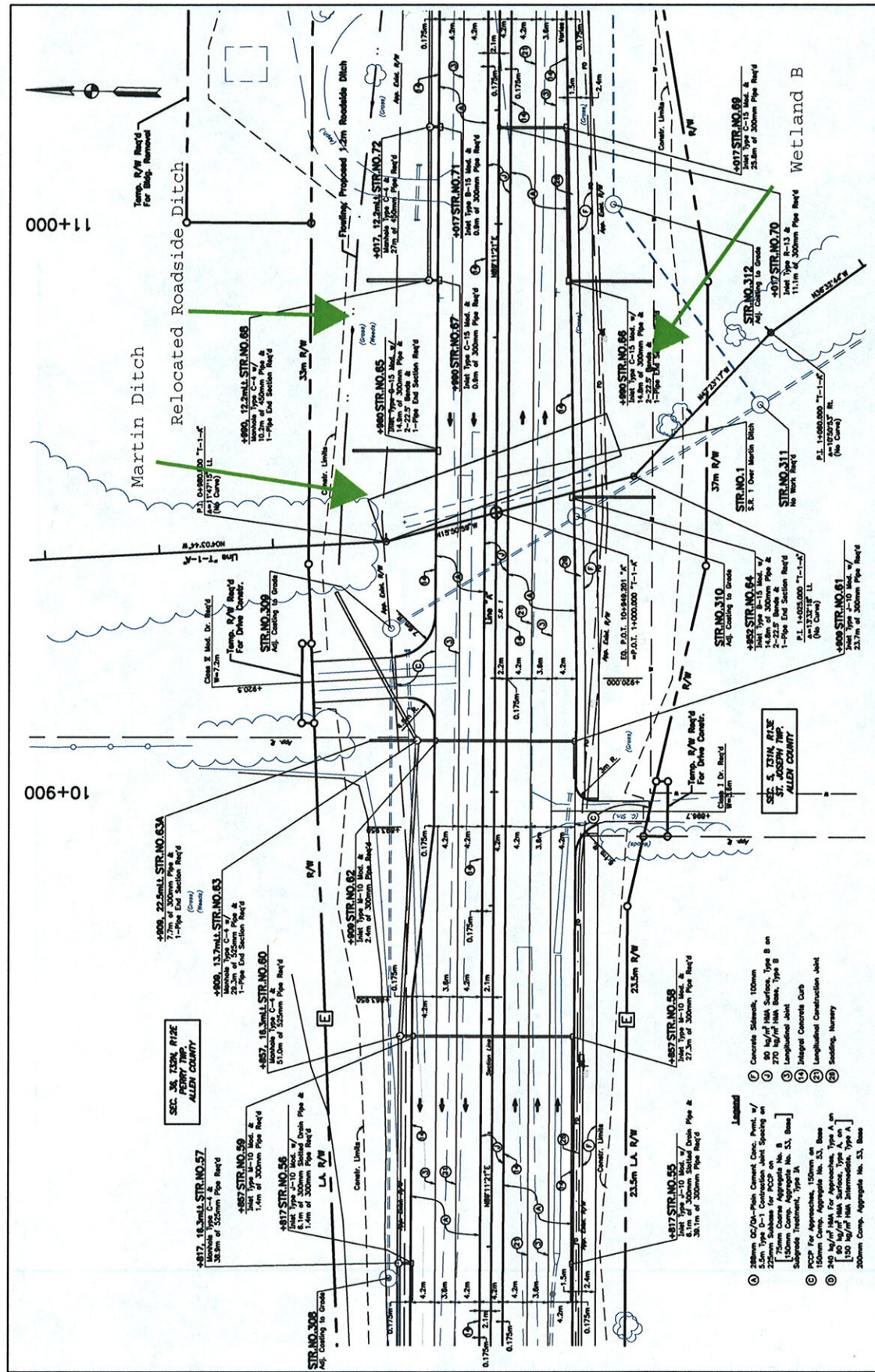
**Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

**Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

**Questions?** Additional information may be obtained from Mr. Jared Sanders, Project Manager, at 317-234-6352. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management  
100 North Senate Avenue  
MC65-42 WQS IGCN 1255  
Indianapolis, Indiana 46204-2251  
FAX: 317/232-8406





INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE		BRIDGE FILE
	VERTICAL SCALE		SECTION
			DRAWING NO.
	SHEET BOOK	SHEETS	
		OF	
	CONTRACT	PROJECT	
CONSTRUCTION DETAILS		STP-605-2 ( )	
LINE "A"			
RECOMMENDED FOR APPROVAL		DATE	
DESIGN ENGINEER			
CHECKED: B.A.R.		DRAWN: L.L.P.	
CHECKED: B.E.L.		CHECKED: R.A.P.	

ALL STATIONS OFF OF LINE "A" UNLESS OTHERWISE NOTED.

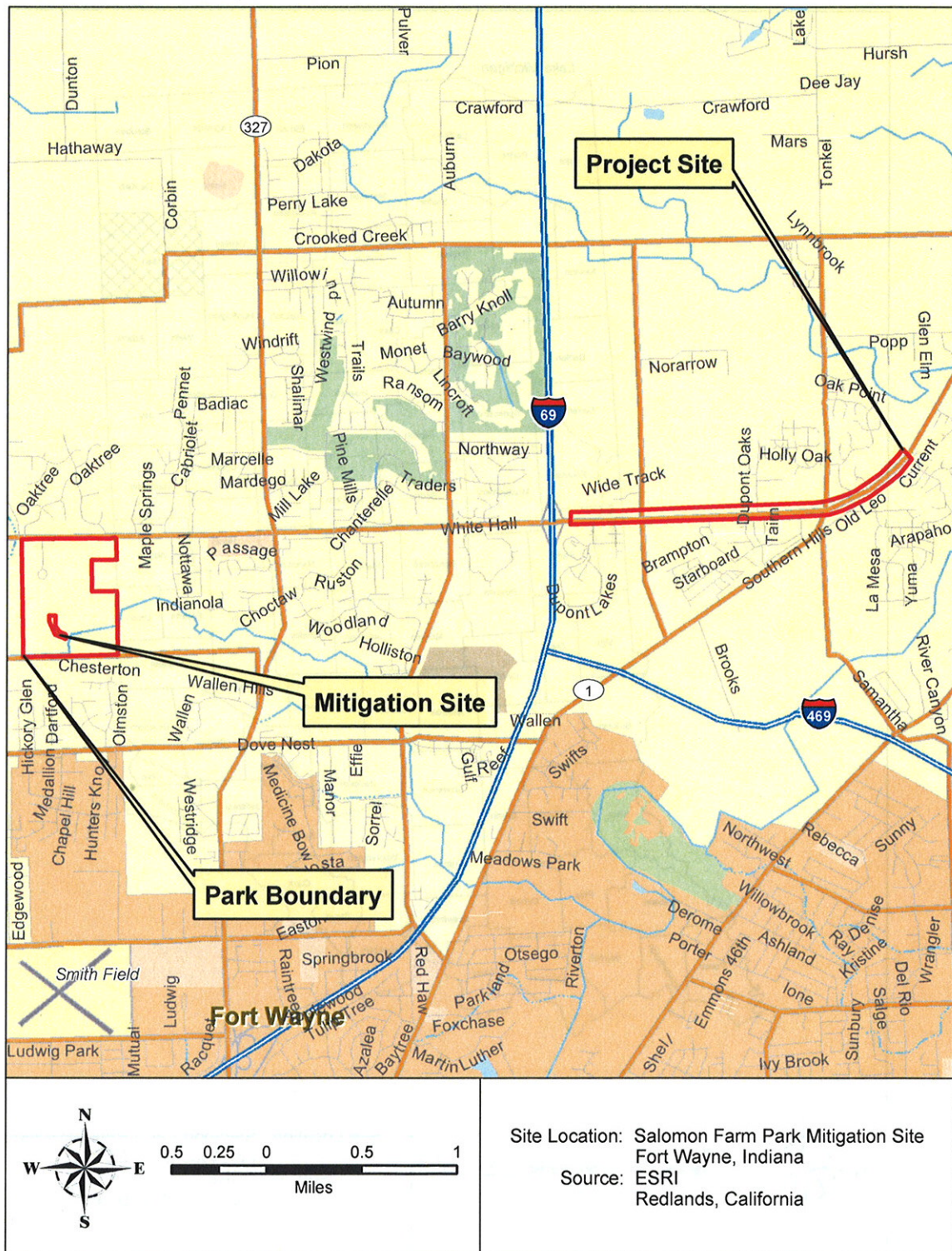






## Appendix B

### Location of INDOT Project Site and Mitigation Site on Highway Map





# Appendix J Off-Site Mitigation Plan

Existing gravel trail

Hickenbottom tile riser: A three piece Hickenbottom riser (Agri Drain, models HBT10, HB010, and HBWS10) shall allow subsurface flow to come to the surface. Endemic stone shall be placed around the riser and used to create a spillway into the mitigation wetlands.

An Inline Water Level Control Structure™ shall be installed within the berm (Agri Drain, model: INLINE 02X10P). It will drain into a rock weir and riffle structure.

A vegetated emergency spillway approximately 15 feet wide with a top elevation of 824.5 feet shall be installed in this location.

Prepared for

**RW Armstrong**

Salomon Farm Park  
Wetlands and Stream Mitigation Site  
Fort Wayne, Indiana

Prepared by

**DAVEY**  
RESOURCE GROUP  
A Division of The Davey Tree Expert Company

Data used to produce this map were collected on February 10, 2009

In-Stream Structures:  
Placement is typical (NTS).

- = Newbury Riffle
- = Rock Weir and Scour Pool
- = Rock Weir with Riffle Structure

D  
C = Cross section locations

Existing outlet  
(8-inch HDPE)

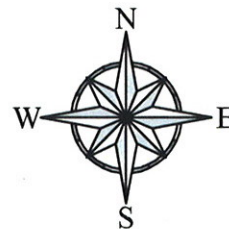
A culvert to be sized by RW Armstrong shall be installed in this location and drain to existing rip-rap armament.

Existing outlet  
(10-inch PVC): Tile shall be abandoned.

- = Conservation easement boundary: Bare areas and disturbed soils will be seeded with Basic Prairie Mix\*.
- = Existing tile: The tile is located approximately 3.5 to 4.0 feet below the surface. It shall be removed from the entire mitigation wetlands footprint and plugged on south of the wetlands. Any other tiles found within the wetlands footprint shall also be removed and plugged where necessary. Hickenbottom risers shall be installed on all tiles opening to the wetlands.

- = Beckett Run
- = Rehabilitated stream channel/bio-swale (~415 linear feet): Prior to commencement of mitigation earthwork activities, the channel shall be spot treated for *Phalaris arundinacea*. The stream channel shall be seeded with Sedge Meadow Mix\*, and Stream Herbaceous Plugs\* shall be planted 24 inches on-center.
- = Reconstructed stream channel/bio-swale (~200 linear feet): Following earthwork the stream channel shall be seeded with Sedge Meadow Mix\*, and a 100 percent biodegradable erosion control blanket (North American Green, model: SC150BN) secured with biodegradable stakes shall be installed. Stream Herbaceous Plugs\* shall be planted 18 inches on-center.

- = Direction of flow
- = Mitigation wetlands (~0.188 acre): Final grade of the mitigation wetlands shall be at 824.0 feet or less. Topsoil shall be removed and stockpiled in an upland location from areas to be excavated. Subsoil shall be removed, and 6 inches of topsoil shall be reapplied to achieve final grade.
- = Mitigation wetlands: In addition to the aforementioned mitigation wetlands design criteria, Herbaceous Wetlands Plugs\* shall be planted 18 inches on-center in this area covering approximately 270 square feet of the wetlands.
- = Shallow berm: The berm shall have a top elevation of 825.0 feet and a width of approximately 8 feet. The berm shall be seed with a combination of the Basic Prairie Mix\* and Sedge Meadow Mix\*.
- = Wetlands shrubs: A minimum of 15 wetlands shrubs in 1- to 3-gallon sizes shall be planted.
- = Buffer trees: A minimum of 20 trees in 1- to 3-gallon sizes shall be planted.
- = Buffer shrubs: A minimum of 60 shrubs in 1- to 3-gallon sizes shall be planted.
- = Existing wetlands: Wetlands shall not be impacted during site construction.
- = Sample point location



\*Seed mixes can be obtained from Spence Restoration Nursery